

APPENDIX A

“GARVEE” Status

During the 2005 and 2006 legislative sessions, the KYTC was provided enabling legislation and approval to pursue a specific group of interstate widening projects through \$440 million of innovative financing known as “Grant Anticipation Revenue Vehicles (GARVEEs).” This financing technique is permitted by federal law and involves the commitment of future federal-aid appropriations as leveraging for current year highway improvements. The primary benefit of such an arrangement is that major highway improvements can be purchased at today's prices and paid for with interest over a multi-year timeframe. The application of the GARVEE principle is very similar to home mortgage financing but is used to purchase major highway investments when “pay-as-you-go” is not the desirable course.

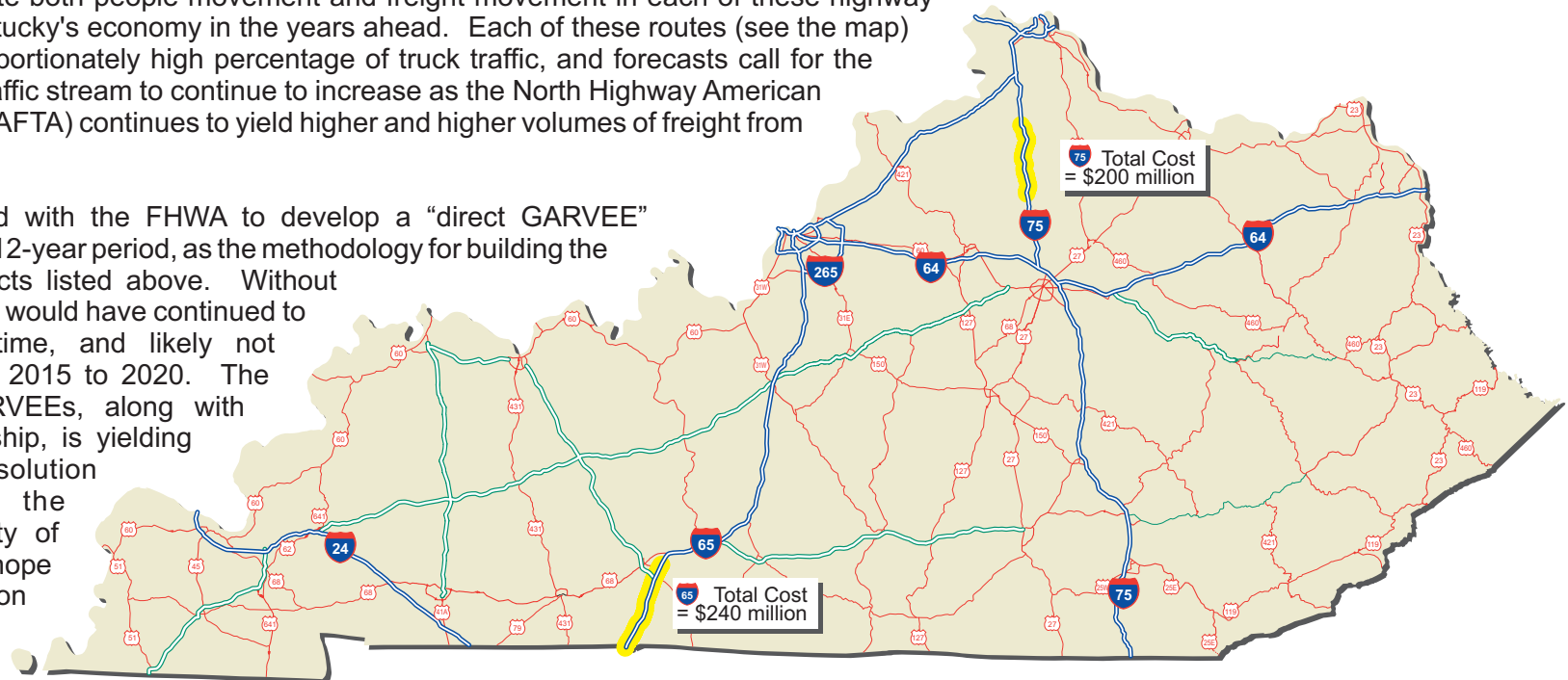
As permitted by the 2005 and 2006 General Assembly, the KYTC has let to construction the following major interstate widening projects:

- **Interstate 65:** Widen to six lanes from the Tennessee State line to Bowling Green (total cost \$240 million)
- **Interstate 75:** Widen to six lanes from the end of the current six-lane section in northern Scott County to the current six-lane section south of KY 22 in Grant County (total cost \$200 million)

(GARVEE projects are shown on the following page.)

Each of these interstate widening projects constitutes a necessary investment in Kentucky's future. The need to accommodate both people movement and freight movement in each of these highway corridors is critical to Kentucky's economy in the years ahead. Each of these routes (see the map) currently carries a disproportionately high percentage of truck traffic, and forecasts call for the number of trucks in the traffic stream to continue to increase as the North American Free Trade Agreement (NAFTA) continues to yield higher and higher volumes of freight from Latin America to Canada.

The KYTC has worked with the FHWA to develop a “direct GARVEE” package, financed over a 12-year period, as the methodology for building the interstate widening projects listed above. Without GARVEEs, these projects would have continued to be piecemealed over time, and likely not completed until the Year 2015 to 2020. The innovative idea of GARVEEs, along with determined state leadership, is yielding the kind of realistic solution necessary to reverse the “always behind” mentality of the past and help restore hope to Kentucky's transportation program.



LISTING OF AWARDED GARVEE BOND PROGRAM PROJECTS
(AS OF FEBRUARY 9, 2008)

LETTING DATE	DIST	ITEMNO	COUNTY	PREFIX	ROUTENO	TYPE OF WORK	PROJECT DESCRIPTION	PHASE	FUND	AMOUNT
06-SEP-05	3	9.01	WARREN	I	65	MAJOR WIDENING(O)	TENN. STATE LINE-ELIZABETHTOWN; WIDEN I-65 TO 6-LANES FROM SIMS RD TO 1.53MI SOUTH OF THE BARREN RIVER BRIDGES INCLUDING INTERCHANGE AT WILLIAM H. NATCHER PARKWAY. (IM SHARE)(GARVEE)	C	JM1	34,574,548
11-MAY-06	3	10.15	SIMPSON	I	65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 0.23 MI SOUTH OF THE TENNESSEE STATE LINE TO 0.9 MI SOUTH OF THE KY-100 INTERCHANGE. (GARVEE-JM01 COMPONENT)	C	JM1	61,807,395
26-FEB-07	3	10.35	SIMPSON	I	65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 0.9 MI SOUTH OF KY-100 INTERCHANGE TO 1.07 MI SOUTH OF SALEM ROAD. (GARVEE-JM01 COMPONENT)	C	JM1	63,372,953
25-JUL-07	3	10.41	SIMPSON / WARREN	I	65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 1.07 MI SOUTH OF SALEM ROAD TO 0.14 MI NORTH OF KY-240. (GARVEE-JM01 COMPONENT)(2006BOPP)	C	JM1	44,075,769
19-NOV-07	3	10.51	WARREN	I	65	MAJOR WIDENING(O)	WIDEN I-65 TO 6 LANES FROM 0.14 MI NORTH OF KY-240 TO 0.14 MI NORTH OF SIMS ROAD. (GARVEE-JM01 COMPONENT)	C	JM1	30,899,070
30-JUN-05	6	72.06	GRANT	I	75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM SOUTH OF KY-36 (MP 153.30) TO 0.8MI SOUTH OF KY-22 (MP 157.70). (CONSTRUCTION SECTION-1C) (NH SHARE) (INCLUDES MAINLINE PAVING OF I-75 THROUGH BARNES PIKE I-CHNG)(JM02)	C	JM2	24,740,000

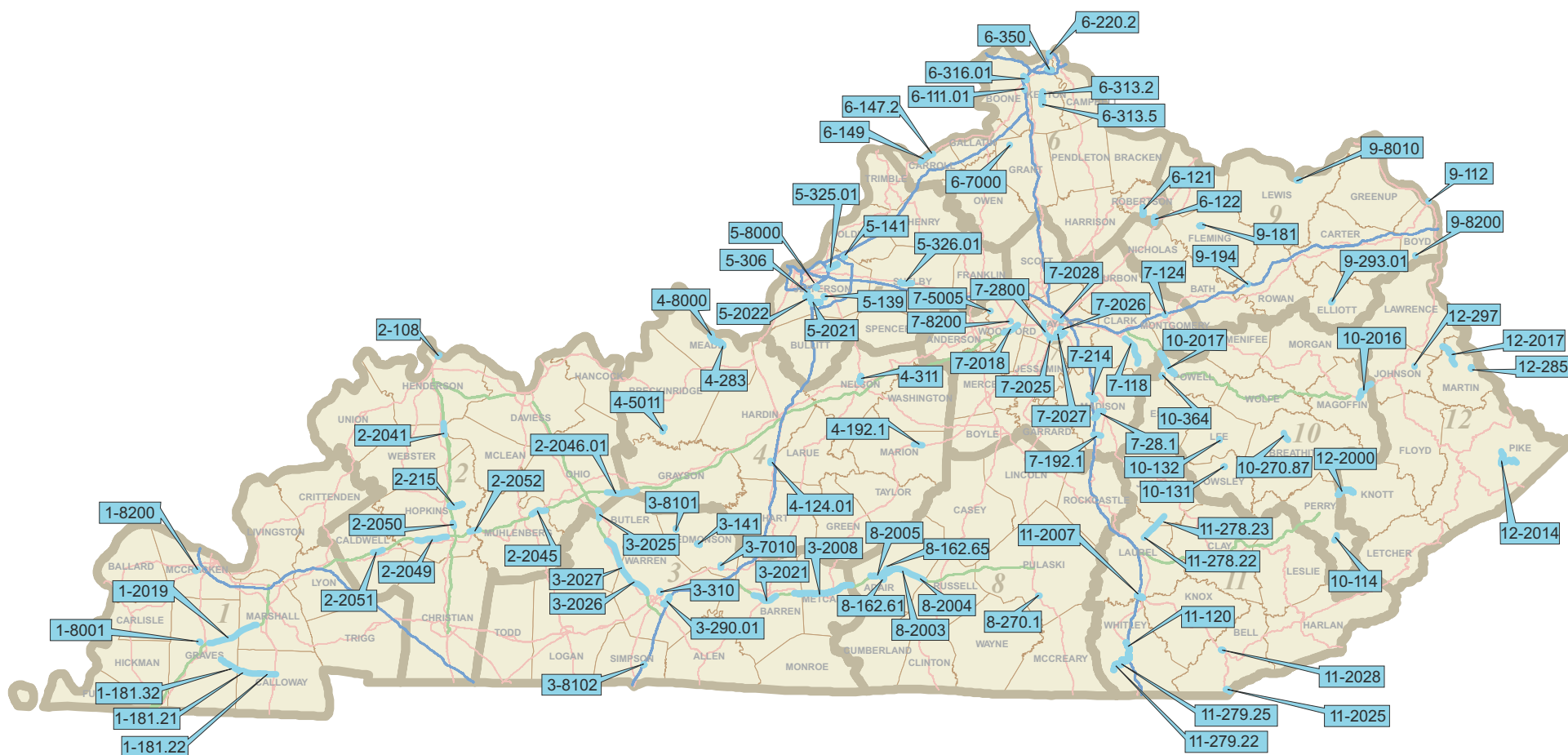
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03-NOV-06	6	72.14	GRANT	I	75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM HEEKIN PIKE UNDERPASS, N TO 0.8MI S OF KY-36 (CONSTRUCTION SECTION-2A) (GARVEE-JM02 COMPONENT)	C	JM2	14,238,802
22-NOV-06	6	72.2	SCOTT	I	75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM SOUTH OF POKEBERRY RD TO GRANT CO LINE. (SECTION-3) (GARVEE-JM02 COMPONENT)	C	JM2	56,991,286
05-OCT-07	6	72.16	GRANT	I	75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM THE KEEFER ROAD UNDERPASS, N TO THE HEEKIN PIKE UNDERPASS. (CONSTRUCTION SECTION-2B) (GARVEE-JM02 COMPONENT)	C	JM2	64,613,537
05-OCT-07	6	72.18	GRANT	I	75	MAJOR WIDENING(O)	LEXINGTON-COVINGTON; FROM GRANT CO LINE TO THE KEEFER ROAD UNDERPASS. (CONSTRUCTION SECTION-2C) (GARVEE-JM02 COMPONENT)	C	JM2	37,126,842

APPENDIX B

2005 AND 2006 BOND PROGRAM PROJECT STATUS

During the 2005 and 2006 legislative sessions, the KYTC was authorized to sell State Road Bonds in the amount of \$650 million to supplement state revenues dedicated to the state projects (SP) element of the Highway Plan. This was deemed necessary because the projects' costs contained in the Highway Plan exceeded revenue expectations by \$1.5 billion due to a failed effort to increase the state gas tax in the Year 2000. At this time, the KYTC has let to construction \$650 million toward "SP" construction projects as shown in the map below.



LISTING OF AUTHORIZED STATE FUNDED "BOND PROGRAM" PROJECTS
(AS OF FEBRUARY 9, 2008)

LETTING DATE	DIST	ITEMNO	COUNTY	PREFIX	ROUTENO	TYPE OF WORK	PROJECT DESCRIPTION	PHASE	FUND	AMOUNT
10-MAY-05	8	162.61	ADAIR	KY	61	RECONSTRUCTION(O)	RECONSTRUCT KY-61 FROM 2139 FEET SOUTH OF THE LOUIE B. NUNN PARKWAY (CUMBERLAND PKWY) TO 3870 FEET NORTH OF THE LOUIE B. NUNN PARKWAY (SECTION 2A) - CONSTRUCTION SEQUENCE 1. (2004BOPC) (JL01)	C	JL1	7,149,030
30-JUN-05	8	162.65	ADAIR	KY	61	RECONSTRUCTION(O)	RECONSTRUCT KY-61 FROM 3870 FEET NORTH OF THE LOUIE B. NUNN PARKWAY (CUMBERLAND PKWY) TO COLUMBIA BYPASS (SECTION 2B) - CONSTRUCTION SEQUENCE 2. (2004BOPC) (JL01)	C	JL1	7,785,300
19-DEC-06	8	2003	ADAIR	LN	9008	PAVEMENT REHAB-PRK(P)	THIN OVERLAY ON LOUIE NUNN PARKWAY EB & WB FROM PETTY'S FORK BRIDGE (MP 48.083) TO POWELL ROAD U-PASS (MP 53.892).	C	JL2	4,150,085
19-DEC-06	8	2004	ADAIR	LN	9008	PAVEMENT REHAB-PRK(P)	THIN OVERLAY ON LOUIE NUNN PARKWAY EB & WB FROM POWELL ROAD U-PASS (MP 53.892) IN ADAIR COUNTY TO 0.321 MILE E US-127 (MP 62.74) IN RUSSELL COUNTY.	C	JL2	6,191,956
03-NOV-06	8	2005	ADAIR	LN	9008	PAVEMENT REHAB-PRK(P)	ASPHALT PAVEMENT REHAB ON LOUIE NUNN PARKWAY EB & WB FROM 0.418 MILE EAST OF KY-2982 UNDERPASS (MP 43.02) TO WEST END OF PETTY'S FORK BRIDGE (MP 48.083).	C	JL2	3,934,332

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23-MAY-05	3	2008	BARREN	LN	9008	PAVEMENT REHAB-PRK(P)	LOUIE B. NUNN PARKWAY (CUMBERLAND PARKWAY) FROM MP 20.357 IN BARREN COUNTY, EASTERLY TO MP 36.159 IN METCALFE COUNTY. (JL01)	C	JL1	5,202,019
19-DEC-06	3	2021	BARREN	LN	9008	PAVEMENT REHAB-PRK(P)	MILL 1/2" PAVE SHOULDER THIN OVERLAY ON LOUIE NUNN PARKWAY FROM 0.33 MILE EAST KY 1297 OVERPASS (MP 9.066) TO 0.084 MILE EAST LOUIE NUNN PKWY BRIDGE (MP 16.117).	C	JL2	3,703,594
05-JUN-07	11	2025	BELL	US	25	PAVEMENT REHAB-PRK(P)	CUMBERLAND GAP TUNNEL (US 25E) SOUTHBOUND ONLY FROM BEGINNING OF TUNNEL EXTENDING NORTH TO END OF TUNNEL. GRADE AND DRAIN WITH PCC PAVEMENT. (2006BOPC) THE TDOT WILL SHARE IN THE COST OF THE PROJECT.	C	JL2	864,708
03-JUL-07	11	2028	BELL	US	25	PAVEMENT REHAB-PRI(P)	JPC RESURFACING ON US25E FROM 0.10 MILE SOUTH TO 0.135 MILE NORTH OF KY 66/PINE STREET IN PINEVILLE. (2006BOPC)	C	JL2	830,028
09-JUL-07	6	111.01	BOONE	KY	536	RECONSTRUCTION(O)	ROADWAY IMPROVEMENTS ALONG KY 536 BETWEEN HIGHLAND AVE. AND BILTMORE BLVD. (06CCR).	C	JL2	1,674,498
30-JUN-05	6	316.01	BOONE	KY	1017	MAJOR WIDENING(O)	WIDEN TURFWAY RD FR US-25 TO KY-717 NEAR TURFWAY PARK. (00CCR) (JL01)	C	JL1	11,783,687

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30-NOV-06	9	112	BOYD	US	23	BRIDGE PAINTING(P)	CLEAN AND PAINT THE 12TH STREET (MARTIN LUTHER KING BLVD) BRIDGE IN ASHLAND, WHICH CARRIES US-23S OVER THE OHIO RIVER (ANTICIPATED PARTICIPATION BY OHIO \$ 300,000) (B40)(04CCR)	C	JL1	7,491,000
03-APR-07	9	8200	BOYD	KY	3	SAFETY(P)	IMPROVE SIGHT DISTANCE APPROX. .55 MILES N OF THE LAWRENCE CO. LINE ON KY3 IN BOYD COUNTY. (04CCN)	C	JL2	419,517
05-SEP-06	10	270.87	BREATHITT	KY	15	SURFACE(O)	JACKSON-CAMPTON (SURFACING): FR 0.31 MILES S OF STILL HOUSE HOLLOW TO 0.43 MILES S OF FROZEN CREEK. (TO BE LET WITH 10-270.97)	C	JL1	5,235,381
05-SEP-06	4	5011	BRECKINRIDGE	KY	79	LANDSLIDE REPAIR(P)	LANDSLIDE REPAIR ON KY-79 FROM SOUTH OF THE ROUGH RIVER BRIDGE (MP 6.0) TO OLD KY-79 ROAD (MP 7.0). (2002BOPC)	C	JL1	263,374
19-DEC-06	3	2025	BUTLER	WN	9007	PAVEMENT REHAB-PRK(P)	REPAIR AND GRIND PAVEMENT ON WILLIAM NATCHER PARKWAY NB & SB FROM GREEN RIVER BRIDGE (MP 32.64) TO OHIO COUNTY LINE (MP 35.063).	C	JL2	1,222,253
03-APR-07	2	2051	CALDWELL	WK	9001	PAVEMENT REHAB-PRK(P)	THIN OVERLAY ON WK PARKWAY FROM 0.278 MILE EAST OF WILEY CREEK CULVERT (MP 14.85) TO 0.354 MILE WEST OF LONGBREAK-FLYNN FORK ROAD (MP 18.26). (2006BOPC)	C	JL2	3,142,768

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24-APR-06	1	181.21	CALLOWAY	KY	80	NEW ROUTE(O)	MURRAY-MAYFIELD RD; FROM 0.12 MILE WEST OF KY 1836, EAST TO 0.12 MILE EAST OF KY 299. (SECTION III GRADE & DRAIN)	C	JL1	8,749,625
20-APR-06	1	181.22	CALLOWAY	KY	80	NEW ROUTE(O)	MURRAY-MAYFIELD RD; FROM 0.12 MILE EAST OF KY 299 EAST TO US 641 AT THE PROPOSED I-SECT WITH MURRAY-AURORA RD. (SECTION IV GRADE & DRAIN)	C	JL1	7,953,732
24-APR-06	1	181.32	CALLOWAY	KY	80	NEW ROUTE(O)	MURRAY-MAYFIELD RD; FROM 0.12 MILE N OF KY 1124, EAST TO 0.12 MILE W OF KY 1836. (SECTION II SURFACING)(JL01)	C	JL1	11,500,151
06-SEP-05	6	147.2	CARROLL	US	42	SPOT IMPROVEMENTS(O)	CARROLLTON TO MARKLAND DAM; SPOT IMPROVEMENT FOR RECONSTRUCTION OF US-42 FROM BURLEY ESTATES TO APPROX. 800 FEET EAST OF FOUR MILE ROAD, INCLUDING REPLACEMENT OF THE FOURMILE CREEK BRIDGE (B01).	C	JL1	6,070,102
05-JUN-07	6	149	CARROLL	US	42	RECONSTRUCTION(O)	RECONSTRUCT US-42 FROM 1800' EAST OF KY-36 TO BURLEY ESTATES.	C	JL2	5,415,309
05-JUN-07	7	118	CLARK	KY	89	SPOT IMPROVEMENTS(O)	SPOT IMPROVEMENTS ON KY-89 FROM WINCHESTER SOUTH TOWARD THE PROPOSED CLARK/ESTILL POWER PLANT LOCATION.	C	JL2	1,251,470
05-SEP-06	3	141	EDMONSON	KY	70	RECONSTRUCTION(O)	RECONSTRUCT KY 70/KY 259 FROM SOUTH OF THE KY 70 JUNCTION TO BROWNSVILLE.	C	JL1	4,949,890

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30-APR-07	3	7010	EDMONSON	KY	259	RECONSTRUCTION(O)	RECONSTRUCT KY 259 THROUGH THE KNOBS AREA, BEGINNING 0.4 MILE NORTH OF US-31W. (98CCN)	C	JL2	1,198,521
08-AUG-05	3	8101	EDMONSON	KY	187	SAFETY(P)	LOWER GRADE ON KY-70 AT KY-187 INTERSECTION TO IMPROVE SIGHT DISTANCE. (02CCN)(JL01)	C	JL1	282,664
05-JUN-07	9	293.01	ELLIOTT	KY	7	RELOCATION(O)	SANDY HOOK - I-64; FROM .8 S OF KY-557 TO SANDY HOOK	C	JL2	10,889,103
30-APR-07	10	364	ESTILL	KY	82	RECONSTRUCTION(O)	KY-82 CURVE REVISION AT SALEM CHURCH (MP 4.5)	C	JL2	3,746,102
30-APR-07	7	2025	FAYETTE	US	27	PAVEMENT REHAB-PRI(P)	NICHOLASVILLE ROAD (US 27) FROM 0.038 MILE SOUTH OF TORONTO ROAD TO CANARY ROAD. (2006BOPC)	C	JL2	924,394
04-JUN-07	7	2026	FAYETTE	US	25	PAVEMENT REHAB-PRI(P)	PAVEMENT RESURFACING CONSISTING OF AN ASPHALT OVERLAY ON US-25 FROM MP 10.759 TO MP 13.421. (2006BOPC)	C	JL2	1,212,481
30-APR-07	7	2027	FAYETTE	KY	1974	PAVEMENT REHAB-PRI(P)	PAVEMENT REHAB CONSISTING OF ASPHALT RESURFACING ON KY 1974 (TATES CREEK ROAD) FROM MP 9.459 (COOPER DRIVE INTERSECTION) TO MP 11.522 (KY 4 RAMPS). (2006BOPC)	C	JL2	705,329
05-JUN-07	7	2028	FAYETTE	KY	4	PAVEMENT REHAB-PRI(P)	PAVEMENT REHAB ON NEW CIRCLE ROAD: ASPHALT RESURFACING WITH MEDIAN AND SHOULDER RECONSTRUCTION FROM KY-922 TO INDUSTRY ROAD. (2006BOPC)	C	JL2	4,107,722

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LETTING DATE	DIST	ITEMNO	COUNTY	PREFIX	ROUTENO	TYPE OF WORK	PROJECT DESCRIPTION	PHASE	FUND	AMOUNT
27-APR-07	7	2800	FAYETTE	KY	4	SAFETY(P)	INSTALLATION OF MEDIAN CABLE BARRIER SYSTEM ON NEW CIRCLE ROAD FROM 400 FEET SOUTH OF RICHMOND ROAD TO 70 FEET WEST OF TOWN BRANCH CULVERT. (2006BOPC)	C	JL2	2,661,261
05-JUN-07	9	181	FLEMING	KY	32	SAFETY(P)	IMPROVE KY-32 FROM THE FLEMINGSBURG BYPASS TO 500 FEET PAST THE FLEMING COUNTY HIGH SCHOOL.	C	JL2	3,964,865
07-MAR-07	6	7000	GRANT	CR	1315	BRIDGE REPLACEMENT(P)	BRIDGE AND APPROACHES OVER TEN MILE CREEK AND AT GRADE CROSSING OF CSX RAILROAD (C26). (98CCN) (SR=43.0)	C	JL1	1,891,900
19-DEC-06	1	2019	GRAVES	JC	9003	PAVEMENT REHAB-PRK(P)	THIN OVERLAY ON NB & SB JULIAN CARROLL (PURCHASE) PARKWAY FROM MAYFIELD CREEK BRIDGE (MP 25.38) IN GRAVES COUNTY TO JACKSON SCOOOL ROAD BRIDGE (MP 40.10) IN MARSHALL COUNTY.	C	JL2	10,178,980
30-APR-07	1	8001	GRAVES	KY	1830	RECONSTRUCTION(O)	RECONSTRUCT KY-1830 FROM KY-121 TO US-45. (00CCN)(U-04DEOB)	C	JL2	7,453,580
27-JAN-06	4	124.01	HARDIN	KY	84	RECONSTRUCTION(O)	CONSTRUCTION OF CURB AND GUTTER ON KY-84 IN SONORA TO CORRECT FLOODING PROBLEMS FROM THE RAILROAD CROSSING TO I-65. (2002BOPC)(JL01)	C	JL1	744,790
19-DEC-06	2	108	HENDERSON	US	41	BRIDGE PAINTING(P)	US-41 BRIDGES OVER THE OHIO RIVER @ HENDERSON (B7); JOINT PROJECT WITH INDIANA TO WASH AND PAINT NORTHBOUND STRUCTURE. (TO BE LET WITH 2-109.00)	C	JL2	7,562,247

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12-AUG-05	2	215	HOPKINS	KY	70	MAJOR WIDENING(O)	MADISONVILLE-CENTRAL CITY; MAJOR WIDENING FR E.T. BREATHITT PARKWAY (PENNYRILE PARKWAY) TO KY- 85 (EAST OF THE E.B. PARKWAY)(JL01)	C	JL1	21,091,318
03-APR-07	2	2049	HOPKINS	WK	9001	PAVEMENT REHAB-PRK(P)	STRUCTURAL OVERLAY ON WENDELL FORD WESTERN KY PARKWAY EB & WB FROM END AC PAVEMENT (MP 27.52) TO US- 41A (MP 36.962). (DESIGN FUNDED UNDER 2-2036.00 7731901D)	C	JL2	20,075,000
04-DEC-06	2	2050	HOPKINS	EB	9004	PAVEMENT REHAB-PRK(P)	THIN OVERLAY ON EB PARKWAY FROM 1.28 MILES NORTH OF THE WK PARKWAY (MP 35.55) TO KY-813 AT MORTONS GAP (MP 37.07). (2006BOPC)	C	JL1	463,799
30-NOV-06	2	2052	HOPKINS	WK	9001	PAVEMENT REHAB-PRK(P)	THIN OVERLAY ON WK PARKWAY FROM POND RIVER RELIEF BRIDGE (MP 42.81) IN HOPKINS COUNTY TO 1.0 MILE EAST OF HENRY OATS UNDERPASS (MP 45.95) IN MUHLENBERG COUNTY. (2006BOPC)	C	JL1	1,403,026
30-JUN-05	5	139	JEFFERSON	KY	864	SAFETY(P)	REALIGN FEGENBUSH LANE (KY- 864) FROM POPLAR LEVEL ROAD EXTENDING SOUTH 0.05 MILE AND CONSTRUCT NEW BRIDGE AT FERN CREEK.(00CCR) (\$396,523 OF FY02 'TCSP' FUNDS AUTHORIZED FOR R PHASE)(02KYD)(04CCR)(JL01)	C	JL1	1,079,481
30-JUN-05	5	141	JEFFERSON	KY	22	SAFETY(P)	ADD LEFT TURN LANE ON KY-22 AT MURPHY LANE AND CORRECT SIGHT DISTANCE PROBLEM.(00CCR) (JL01)	C	JL1	1,782,565

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30-NOV-06	5	306	JEFFERSON			NEW ROUTE(O)	CONSTRUCT BRIDGE AND APPROACHES OVER I-65 FROM GRADE LANE TO EAST OF I-65. (2004BOPC)	C	JL2	4,855,070
28-JUN-06	5	325.01	JEFFERSON	KY	1447	MAJOR WIDENING(O)	WESTPORT ROAD FROM HERR LANE TO HURSTBOURNE PARKWAY.	C	JL1	11,545,579
03-MAR-06	5	2021	JEFFERSON	KY	1065	PAVEMENT REHAB-PRI(P)	KY-1065 FROM MP 5.25, 0.213 MILE WEST OF BRIARCLIFF ROAD, EAST TO MP 7.749, 0.094 MILE EAST OF KY-2052.	C	JL1	3,155,350
03-MAR-06	5	2022	JEFFERSON	KY	1631	PAVEMENT REHAB-PRI(P)	KY-1631 FROM MP 3.630, .170 MILE SOUTH OF HOLIDAY TOWERS BOULEVARD, WEST TO MP 4.774, GRADE LANE.	C	JL1	624,250
18-APR-06	5	8000	JEFFERSON	CR	1019	MINOR WIDENING(O)	WIDEN BASHFORD MANOR LANE TO 3 LANES FROM NEWBURG ROAD TO MAYO DRIVE AND REPLACE 2-LANE BRIDGE. (00CCN)(INCLUDES 5-8000.01 "KYD" FUNDED PROJECT)	C	JL1	1,500,324
27-OCT-05	12	297	JOHNSON			DESIGN ENGINEERING(O)	LOCATE NEW BRIDGE OVER LEVISA FORK AT RIVER, KY. (JL01)	C	JL1	6,204,224
29-SEP-06	6	220.2	KENTON	KY	17	BRIDGE REHAB(P)	STRUCTURAL REPAIRS TO THE ROEBLING BRIDGE OVER THE OHIO RIVER AT COVINGTON. (2006BOPC)	C	JL2	3,472,813
30-JUN-05	6	313.2	KENTON	KY	17	MAJOR WIDENING(O)	COVINGTON-INDEPENDENCE; MADISON ROAD FROM APPLE DRIVE TO PELLY ROAD. (2004BOPC) (JL01)	C	JL1	16,763,448
12-AUG-05	6	313.5	KENTON	KY	17	MAJOR WIDENING(O)	COVINGTON-INDEPENDENCE; MADISON ROAD FROM KY-16 TO APPLE DRIVE. (2004BOPC)(JL01)	C	JL1	8,634,819

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04-MAY-06	6	350	KENTON			NEW ROUTE(O)	CONSTRUCT NEW CONNECTOR FROM KY-17 AT HIGHLAND PIKE DIRECTLY TO FIDELITY INVESTMENTS COMPLEX. (04CCR)	C	JL1	14,492,617
28-JUN-06	12	2000	KNOTT	KY	80	PAVEMENT REHAB-PRI(P)	REPAIR AND STRUCTURAL OVERLAY OF KY-80 FROM MP 0.0, PERRY CO. LINE TO MP 5.129, END PCC PAVEMENT.(04CCR)	C	JL1	2,030,045
03-OCT-05	11	278.22	LAUREL	KY	30	RELOCATION(O)	I-75 TO MOUNTAIN PARKWAY; RELOCATE KY-30 FROM VIVA EAST APPROX. 1.3 MILES TO NEAR FREEMAN BRANCH ROAD. (2004BOPC)(JL01)	C	JL1	4,037,596
12-SEP-06	11	278.23	LAUREL	KY	30	RELOCATION(O)	I-75 TO MOUNTAIN PARKWAY; RELOCATE KY-30 FROM NEAR FREEMAN BRANCH ROAD EAST TO 0.1MI E OF THE ROCKCASTLE RIVER. (2004BOPC)	C	JL2	14,704,910
12-SEP-06	11	2007	LAUREL	US	25	PAVEMENT REHAB-PRI(P)	REPAIR AND DIAMOND GRIND US-25E FROM MP 0.344, US-25 & US-25W TO MP 2.024, WEST RAMP TO I-75.	C	JL1	4,431,680
30-JUN-05	10	132	LEE	KY	52	ROCKFALL MITIGTN(P)	CORRECT ROCKFALL PROBLEM AT SHARP ROCK ON KY-52 EAST OF BEATTYVILLE. (JL01)	C	JL1	4,069,614
09-FEB-06	9	8010	LEWIS			NEW ROUTE(O)	CONSTRUCT NEW ROAD FROM BLACK OAK INDUSTRIAL PARK TO AA HIGHWAY (APPROX 1 MILE). (00CCN)(JL01)	C	JL1	11,320,127
19-DEC-06	7	28.1	MADISON	CR	1206	RECONSTRUCTION(O)	WIDEN AND IMPROVE DUNCANNON ROAD FROM THE NEW I-75 INTERCHANGE TO US-25. (TO BE LET WITH 7-28.00)	C	JL2	14,867,378

LISTING OF AUTHORIZED STATE FUNDED "BOND PROGRAM" PROJECTS
(AS OF FEBRUARY 9, 2008)

LETTING DATE	DIST	ITEMNO	COUNTY	PREFIX	ROUTENO	TYPE OF WORK	PROJECT DESCRIPTION	PHASE	FUND	AMOUNT
19-DEC-06	7	192.1	MADISON			NEW ROUTE(O)	CONSTRUCT 4-LANE BEREA BYPASS SECTION 1; FROM 0.21 MILES WEST OF I-75 @ PEGGY FLATS ROAD, EASTWARD TO APPROX. 150' EAST OF US-25, INCLUDING RECONSTRUCTION OF US-25 AT THE PROPOSED BYPASS. (2004BOPC)	C	JL2	19,091,244
20-APR-06	7	214	MADISON	KY	169	RECONSTRUCTION(O)	RECONSTRUCT TATES CREEK PIKE FROM GOGGINS LANE TO US-421 IN RICHMOND	C	JL1	10,686,018
21-SEP-06	10	2016	MAGOFFIN	US	460	PAVEMENT REHAB-PRI(P)	PAVEMENT REHABILITATION ON US-460 FROM KY-114 TO THE JOHNSON COUNTY LINE.	C	JL2	3,989,157
19-DEC-06	4	192.1	MARION	US	68	RECONSTRUCTION(O)	LEBANON-DANVILLE (SECTION 1): RECONSTRUCTION OF US-68 FROM KY-1404 TO MAYS CHAPEL ROAD. (2002BOPC)(CONSTRUCTION SEQUENCE 1)	C	JL2	7,849,588
27-OCT-05	12	285	MARTIN	KY	40	RECONSTRUCTION(O)	KY40; RECONSTRUCTION AT BUCK CREEK HILL (00CCR)	C	JL1	1,996,858
03-JUL-07	12	2017	MARTIN	KY	645	PAVEMENT REHAB-PRI(P)	PAVEMENT REHABILITATION FROM LAWRENCE COUNTY LINE (MP 0.00) TO KY 3412/KY 3 (MP 6.105). (2006BOPC)	C	JL2	6,717,849
21-JUL-06	1	8200	MCCRACKEN			NEW ROUTE(O)	COMPLETION OF PECAN DRIVE. (04CCN) (AS PER REVISED AGREEMENT, THE CABINET WILL REIMBURSE THE CITY OF PADUCAH UP TO \$4,800,000 FOR ACTIVITIES RELATED TO THIS PROJECT). (JL01)	C	JL1	4,300,000
27-OCT-05	4	283	MEADE	KY	448	MAJOR WIDENING(O)	BRANDENBURG STATION FR KY-1638 EXTENDING NW TO BRANDENBURG BYPASS.	C	JL1	5,279,001

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(AS OF FEBRUARY 9, 2008)

LETTING DATE	DIST	ITEMNO	COUNTY	PREFIX	ROUTENO	TYPE OF WORK	PROJECT DESCRIPTION	PHASE	FUND	AMOUNT
05-MAR-07	4	8000	MEADE	KY	79	MAJOR WIDENING(O)	WIDEN TO FIVE LANES FROM KY-448 TO MATTHEW WELSH BRIDGE (00CCN)(U-04DEOB)	C	JL2	17,652,251
27-OCT-05	7	124	MONTGOMERY	US	460	MAJOR WIDENING(O)	WIDEN TO 5 LANES FROM KY-686 TO NORTH OF I-64 I-CHNG IN MT. STERLING (CONNECTING TO 7-317.00 IMPROVEMENTS)(INCLUDES RAMPS) (98CCR)(00CCR)	C	JL1	8,924,945
03-APR-07	2	2045	MUHLENBERG	WK	9001	PAVEMENT REHAB-PRK(P)	STRUCTURAL OVERLAY ON WENDELL FORD WESTERN KENTUCKY PARKWAY EB & WB FROM 1.9 MILES E US-431 (MP 59.92) TO GREEN RIVER BRIDGE (MP 65.375).	C	JL2	12,448,637
08-AUG-05	4	311	NELSON	US	31	RECONSTRUCTION(O)	BARDSTOWN-LOUISVILLE ROAD; RECONSTRUCT US31E FROM KY-245 TO NORTH OF MURRAYS RUN ROAD. (98CCR)(JL01)	C	JL1	6,786,004
05-JUN-06	2	2046.01	OHIO	WK	9001	PAVEMENT REHAB-PRK(P)	PAVEMENT REHAB ON WENDELL FORD WESTERN KENTUCKY PARKWAY EB & WB FROM MP 83.35 IN OHIO COUNTY TO MP 91.20 IN GRAYSON COUNTY. (2004BOPC)	C	JL1	6,141,743
30-APR-07	10	131	OWSLEY	KY	28	SAFETY(P)	CONSTRUCT A LEFT TURN LANE ON KY-28 BY THE OWSLEY COUNTY HIGH SCHOOL AND ELEMENTARY SCHOOL.	C	JL2	2,418,245
19-DEC-06	10	114	PERRY	KY	7	MAJOR WIDENING(O)	RECONSTRUCT FROM JEFF TO VIPER	C	JL2	38,329,844
01-AUG-06	12	2014	PIKE	KY	194	PAVEMENT REHAB-PRI(P)	ASPHALT RESURFACING OF KY-194 FROM JCT. KY-632 AT KIMPER, SOUTHEAST TO THE OLD RAILROAD CROSSING NEAR JCT. KY-1499 AT NIGH. (2006BOPC)	C	JL1	1,679,129

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LETTING DATE	DIST	ITEMNO	COUNTY	PREFIX	ROUTENO	TYPE OF WORK	PROJECT DESCRIPTION	PHASE	FUND	AMOUNT
05-SEP-06	10	2017	POWELL	KY	9000	PAVEMENT REHAB-PRK(P)	THIN OVERLAY ON BERT T. COMBS MOUNTAIN PARKWAY EB & WB FROM THE CLARK COUNTY LINE (MP 11.913) EASTWARD 7.2 MILES (MP 19.15).	C	JL2	3,455,299
06-OCT-06	8	270.1	PULASKI	US	27	NEW INTERCHANGE(O)	CONSTRUCT INTERCHANGE AT KY1247/US27/KY90 INTERSECTION SOUTH OF SOMERSET TO INCLUDE ADDITIONAL 2500' NE ALONG KY1247 LEG TO BEND OF LAKES ROAD. (PRIORITY SECTION)	C	JL2	27,745,673
06-OCT-06	6	121	ROBERTSON	KY	165	SPOT IMPROVEMENTS(O)	SPOT IMPROVEMENTS FROM KY-617 @ PIQUA TO KY-1476. (98CCR)(00CCR)(06CCR)(TO BE LET WITH 6-122.00)	C	JL2	5,957,174
06-OCT-06	6	122	ROBERTSON	KY	165	SPOT IMPROVEMENTS(O)	SPOT IMPROVEMENTS FROM US-68 @ BLUE LICKS TO KY-1029. (98CCR)(00CCR)(06CCR)(TO BE LET WITH 6-121.00).	C	JL2	4,212,963
01-AUG-06	9	194	ROWAN	I	64	I-CHANGE LIGHTING(P)	INSTALL HIGH MAST LIGHTING AT THE I-64/KY 801 INTERCHANGE IN ROWAN COUNTY. (2004BOPC)	C	JL1	658,219
20-APR-06	5	326.01	SHELBY			NEW ROUTE(O)	NORTHERN BYPASS OF SHELBYVILLE FROM US-60W TO KY-55 N (JL01)	C	JL1	28,928,200
12-AUG-05	3	8102	SIMPSON	KY	100	SAFETY(P)	TURNING LANE ON KY-100 IN FRONT OF THE E. INDUSTRIAL PARK NEAR THE INTERSECTION OF KY-100 AND I-65. (02CCN)(JL01)	C	JL1	175,496
30-APR-07	3	290.01	WARREN	KY	880	MAJOR WIDENING(O)	LOVERS LANE, MAJOR WIDENING FROM US-231 TO KY-234	C	JL2	15,475,184

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(AS OF FEBRUARY 9, 2008)

LETTING DATE	DIST	ITEMNO	COUNTY	PREFIX	ROUTENO	TYPE OF WORK	PROJECT DESCRIPTION	PHASE	FUND	AMOUNT
03-OCT-05	3	310	WARREN			NEW ROUTE(O)	EXTEND BOWLING GREEN BYPASS (KY 880) FR KY-185 TO 7TH AND COLLEGE ST INTERSECTION. (JL01)	C	JL1	5,894,115
26-FEB-07	3	2026	WARREN	WN	9007	PAVEMENT REHAB-PRK(P)	INTERMEDIATE OVERLAY ON WILLIAM NATCHER PARKWAY NB & SB FROM 0.3 MILE S OF US-231 (MP 7.10) TO 0.4 MILE S BUTLER COUNTY LINE (MP 17.8).	C	JL2	9,255,598
03-APR-07	3	2027	WARREN	WN	9007	PAVEMENT REHAB-PRK(P)	INTERMEDIATE OVERLAY ON WILLIAM NATCHER PARKWAY FROM 0.4 MILE S BUTLER COUNTY LINE (MP 17.80) TO US-231 (MP 26.42).	C	JL2	8,560,444
19-DEC-06	2	2041	WEBSTER	EB	9004	PAVEMENT REHAB-PRK(P)	MILL 1/2" THIN OVERLAY ON E.T. BREATHITT PARKWAY FROM MP 61.85 IN WEBSTER COUNTY TO MP 65.393 IN HENDERSON COUNTY.	C	JL2	1,680,296
14-NOV-05	11	120	WHITLEY	US	25	RECONSTRUCTION(O)	WILLIAMSBURG TO GOLD BUG INTERCHANGE @ I-75; CONSTRUCT 3-LANE SECTIONS WHERE NECESSARY TO RELIEVE CONGESTION (98CCR) AND INCLUDING 11-5001.00 & 11-5002.00 WHICH ARE BEING COMBINED INTO THIS PROJECT. (TO BE LET WITH 11-141.00)	C	JL1	8,279,980
12-AUG-05	11	279.22	WHITLEY	KY	92	RELOCATION(O)	US-27 TO I-75 (SECTION 4A); FROM CORNBREAD BRANCH NEAR OLD JELICO ROAD EAST TO KY-296 (PRIORITY SECTION 2) (GRADE & DRAIN ONLY). (PE, ENV & DE UNDER 8-261)(2004BOPC)(2006BOPP)(JL01)	C	JL1	12,246,287

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(AS OF FEBRUARY 9, 2008)

LETTING DATE	DIST	ITEMNO	COUNTY	PREFIX	ROUTENO	TYPE OF WORK	PROJECT DESCRIPTION	PHASE	FUND	AMOUNT
30-JUN-05	11	279.25	WHITLEY	KY	92	RELOCATION(O)	US-27 TO I-75 (SECTION 4B); FROM KY-296 E TO I-75 (PRIORITY SECTION). (2004BOPC)(PROJECT SCOPE INCLUDES 11-124.00)(GRADE, DRAIN & SURF.) (JL01)	C	JL1	3,941,669
03-NOV-06	7	2018	WOODFORD	BG	9002	PAVEMENT REHAB-PRK(P)	INTERMEDIATE OVERLAY ON WESTBOUND BLUEGRASS PARKWAY FROM NORTHEAST END OF KY RIVER BRIDGE (MP 62.050) TO US-60 (MP 71.134). (INCLUDES SCOPE AND LIMITS OF ITEM NUMBER 7-2023.00 FROM 99-278.13)	C	JL2	3,568,367
06-JUL-07	7	5005	WOODFORD	KY	1964	ROCKFALL MITIGTN(P)	CORRECT ROCKFALL HAZARD @ MP 16.2 TO MP 16.68. (2000BOP)(04CCR)	C	JL2	1,203,643
06-JUL-07	7	8200	WOODFORD			NEW ROUTE(O)	MARKHAM DRIVE EXTENSION- ACCESS TO KCTCS IN VERSAILLES. (04CCN)(PHASE I DESIGN FUNDED UNDER 7- 109.00)	C	JL2	156,721

APPENDIX C

KENTUCKY'S "MEGA-PROJECTS"

As the 2008 edition of the Highway Plan was developed, strong consideration was given to the funding needs associated with four "Mega-Projects" located in Kentucky. The term "Mega-Project" is a reference to the fact that each project will cost near, or in excess of, \$1 billion. As the following map shows, these projects are (1) the Louisville Bridges project, (2) the Interstate 71/75 Brent Spence Bridge congestion relief project in northern Kentucky, (3) the Proposed Interstate 66 project in southeastern Kentucky, and (4) the Proposed Interstate 69 project in far western Kentucky. Each of these projects would be an expensive, but welcome, addition to Kentucky's highway system.

Each of the four "Mega-Projects" is underway, with varying levels of progress achieved. This appendix provides a description, an approximate total cost, and a brief report on the progress to-date for each project.

The Louisville Bridges

The Louisville Bridges project is located in the Louisville metropolitan area and involves a two-part approach to resolving traffic congestion problems in the region. The existing highway network features a myriad of interstate highway facilities (Interstates 64, 65, and 71) that all meet in a tangled maze of ramps known locally as "Spaghetti Junction" in downtown Louisville. Immediately associated with Spaghetti Junction is the Interstate 65 Kennedy Bridge, which links downtown Louisville with Jeffersonville, Indiana. Since there are no true outer beltways linking the Kentucky and Indiana portions of the Greater Louisville Area, virtually all north-south and east-west traffic is forced through Spaghetti Junction. This creates traffic delays of major proportions during peak morning and afternoon rush hours.

While Spaghetti Junction and the Kennedy Bridge certainly need to be modernized, transportation professionals understand that a major culprit in downtown Louisville's traffic congestion is the absence of a "relief valve." To truly accommodate future traffic in the Louisville area, it is essential to connect together the dangling ends of Interstate 265 east of Louisville. This can be accomplished by building a new bridge over the Ohio River in the vicinity of Prospect, Kentucky, and Utica, Indiana. This new "East End Bridge" would provide an alternative route to Spaghetti Junction and would work in concert with the "Downtown Bridge" to move traffic efficiently through the region.

Much work has been done over the past few years to complete an Environmental Impact Statement for the Louisville Bridges project and design work is now fully underway. In addition, the Louisville Bridge Initial Financial Plan has been prepared and approved by FHWA. The costs for this project over the multi-year project life are expected to approach \$4.1 billion. Recognizing the dependence of each bridge on the other, a careful balance has been crafted to pursue both new bridges in a harmonious manner. Of principal concern to the FHWA is the manner in which each state will deliver funds to the continuing project development effort. Indiana has accommodated their share of the Louisville Bridges in their Ten-Year Highway Plan. This edition of Kentucky's Highway Plan contains \$597 million of traditional federal-aid highway funding and \$845 million of innovative finance funding through the Year 2014. This represents Kentucky's strong commitment toward the Louisville Bridges Project.

The Interstate 71/75 Brent Spence Bridge

The Interstate 71/75 Brent Spence Bridge is the focal point for some of the heaviest traffic volumes in Kentucky as these two major north-south interstates cross the Ohio River between Covington, Kentucky and Cincinnati, Ohio. This bridge not only serves traffic between two major urban centers, but it also connects the downtown areas with one of the world's busiest airports, the Greater Cincinnati/Northern Kentucky Airport located in Boone County, Kentucky. In recent years, the existing double-deck bridge has been "re-striped" to carry additional lanes of traffic and, although the bridge is still structurally strong as indicated by its sufficiency rating of 64.0 out of a possible 100 points, it is functionally outdated.

Recognizing the old bridge's inability to meet today's traffic demands, and knowing that the situation will only worsen in the years ahead, metropolitan transportation planners are working with the KYTC and the Ohio Department of Transportation (ODOT) to craft a reasonable solution. Design studies are currently underway to narrow the options for a new Ohio River bridge, from which further project development work can determine the most desirable means of solving the traffic problem at this location. There are environmental issues, downtown redevelopment concerns, and physical alignment constraints that work together to make this a very challenging project. Accordingly, one of the most challenging considerations will be the project cost, which is estimated at over \$2 billion. Kentucky's share of the project cost is estimated to be over \$1 billion, with approximately \$30 million currently available through federal congressional earmark funding for design, right-of-way, and utility phases.

Proposed Interstate 66

The Proposed Interstate 66 (TransAmerica) Corridor in southeastern Kentucky extends from Interstate 65 near Bowling Green along the Cumberland Parkway to west of Somerset, from which it departs and extends north and east around Somerset, then along KY 80 and south to Interstate 75 south of London. From Interstate 75, the Corridor extends eastward along the Hal Rogers Parkway to Hazard before heading east to US 23 south of Pikeville. From US 23 south of Pikeville, the Proposed Interstate 66 would extend across the rugged mountainous terrain of Pike County to the existing US 52 (Proposed Interstate 74 Corridor) near Matewan, West Virginia. Along this course, the Proposed Interstate 66 would pass through some of the most severely economically distressed counties in Appalachia.

At the present time, there are three independent segments of the Proposed Interstate 66 that are involved in some degree of highway project development. The first of these segments is the north bypass of Somerset, which will serve to provide a high-speed connection from the Cumberland Parkway to KY 80 east of Somerset. Preliminary engineering and environmental studies have been completed, with design and right-of-way activity scheduled to proceed in the very near future. The Cumberland Parkway to US 27 segment of this project is under construction, and the Somerset southwest bypass is also under construction. These two projects together will offer a US 27 west bypass of Somerset. The section of the north bypass from US 27 to KY 80 east of Somerset is currently in the right-of-way and utility phase of the project.

The second active Proposed Interstate 66 project in southeastern Kentucky is the connector between KY 80 east of Somerset and Interstate 75 south of London. Preliminary engineering, environmental work, and the financial plan are underway for this section, with approvals expected by Year 2010. There are many environmental issues associated with this project including involvement with the Daniel Boone National Forest, a wild and scenic stretch of the Rockcastle River, and numerous cliffline, cave, and cultural/historic concerns. There has been, and will continue to be, considerable public involvement and coordination with resource agencies to minimize the environmental effects of this project. The total estimated cost of the Somerset to London section of the Proposed Interstate 66 is over \$500 million.

The third section of the Proposed Interstate 66 that is being developed is the portion of the route between US 23 south of Pikeville and US 52 (Proposed Interstate 74) in West Virginia. An Environmental Impact Statement for this segment of Interstate 66 has been completed, and the preliminary right-of-way plans have been completed for a 6-mile section in Pike County. While environmental issues have proven to be minimal in the Pike County area, the rugged terrain makes this one of the most expensive sections of the Proposed Interstate 66 to build. It is expected that it will cost more than \$1 billion to complete this connection between US 23 and US 52.

Proposed Interstate 69

The Proposed Interstate 69 is being pursued in some manner by every state it traverses, from south Texas to the Michigan border with Canada. The impetus for Interstate 69 is Latin American trade and the overland transportation need to link Latin America with Canada and the northeastern United States. The states involved in this project are Texas, Louisiana, Arkansas, Mississippi, Tennessee, Kentucky, Indiana, and Michigan. An Environmental Impact Statement has been prepared for the entire route, with the “purpose and need” of the project focused squarely on freight movement.

In Kentucky, Interstate 69 will follow the existing Purchase Parkway from the Tennessee State line to Interstate 24, then Interstate 24 to the Western Kentucky Parkway, then the Western Kentucky Parkway to the Pennyriple Parkway, then the Pennyriple Parkway north to Henderson. At Henderson, a new route (including a new Ohio River bridge) will be required to connect to Interstate 64 in southern Indiana. Both Tennessee and Indiana are actively engaged in pursuing their own segments of Interstate 69, and each state has cooperated in studies to assess connections at the state lines.

For Interstate 69 to become fully functional in Kentucky, it is expected that the existing parkway system will have to be upgraded. The Purchase, Western Kentucky, and Pennyriple Parkways are all limited access, four-lane divided highways, but there are spot locations where access control would have to be tightened and shoulder widths, clear zones, and bridge dimensions addressed before interstate highway design standards are achieved in full. It is expected that such upgrades will cost \$700 million or more to accomplish. At Henderson, the new route and its new Ohio River bridge will likely cost an additional \$800 million to complete. The KYTC has recently completed a study of the parkway upgrade needs from Interstate 24 to Henderson and has worked with Indiana to develop a Draft Environmental Impact Statement for the new Ohio River crossing at Henderson. Currently, a financial plan is being prepared for the project. Continuing work on Interstate 69 in Kentucky will depend upon the financial support that can be garnered for the project through federal reauthorization and appropriations processes.

